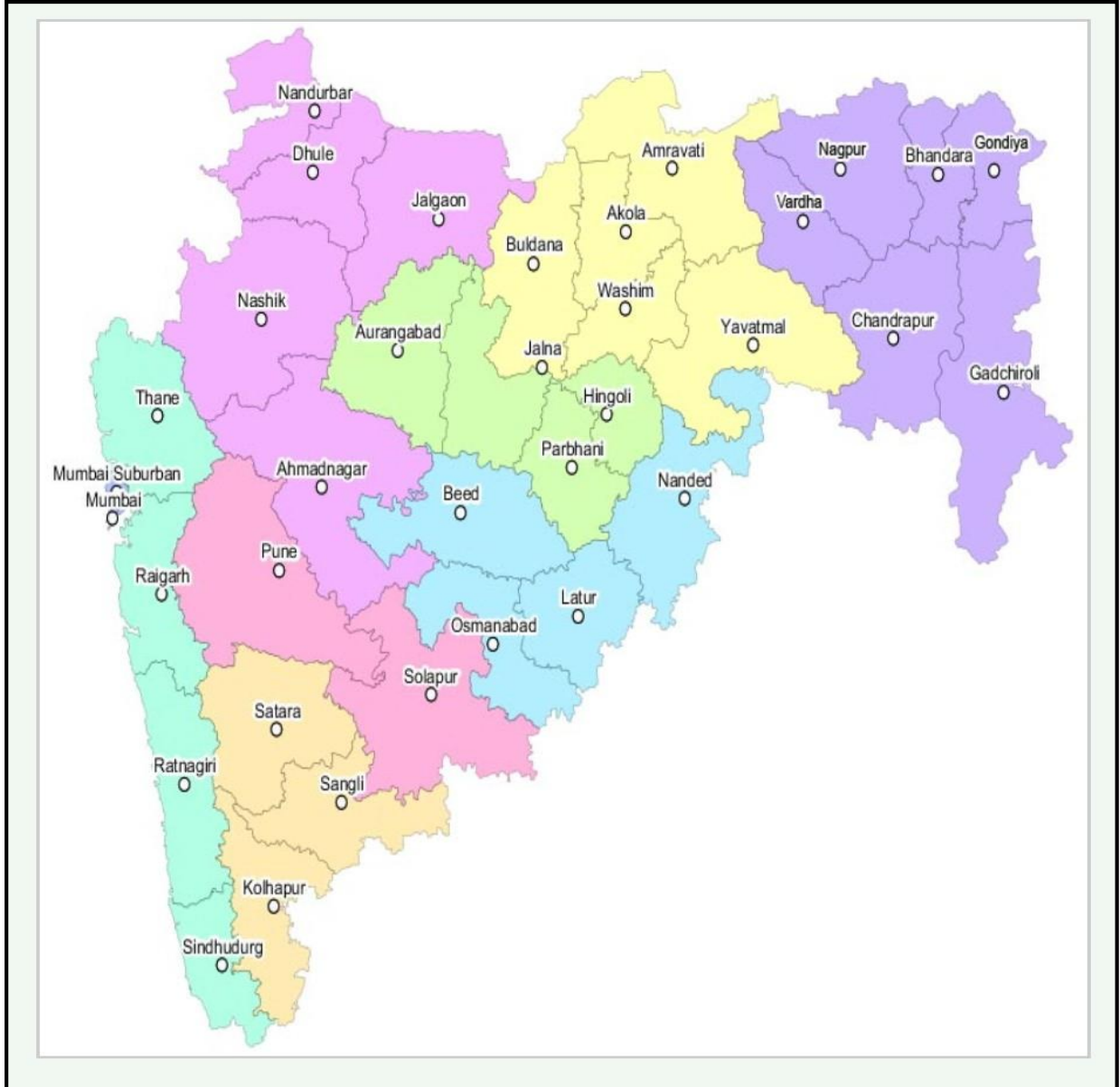


# MAHARASHTRA STATE



## STATE PROFILE OF MAHARASHTRA

### 1. AGRICULTURAL LAND BY TYPE OF USE

Geographical Area (lakh ha)	307.58
Net Sown Area (lakh ha)	165.90
Gross Cropped Area (lakh ha)	241.49
Irrigated Area (lakh ha)	Net Irrigated : 41.85 Rainfed : 191.95 % Irrigated : 19 %
Cultivable Area (lakh ha)	204.66
Cropping Intensity	146 %
Season-Wise Cropped Area (2023-24) (lakh ha)	Kharif: 152.97 Rabi: 53.98 Summer: 3.50
<b>Season wise Major crops</b>	
<i>Kharif:</i>	Cotton, Soybean, Tur, Urd, Moong, Maize Sorghum, Pearl millet & Paddy
<i>Rabi:</i>	Rabi Sorghum, Sunflower, Safflower, Paddy, Groundnut, Gram, Wheat & Sesamum
<i>Summer:</i>	Paddy, Groundnut, Sunflower, Maize & Cowpea
Rainfall (Normal)	1075.3 mm
<b>Agriculture Census -2015-16</b>	
Number of operational holdings ('000)	15285
Area of operational holdings ('000 ha)	20506
Average size of operational holdings (ha)	1.34
<b>Livestock Census -2019</b>	
Total Livestock ('000)	33080
Tractors -2022	105611

### 2. MAJOR SOIL TYPES OF MAHARASHTRA:

- 1. Black Soil:** Black soil is a dark, humus-rich soil that also has a high percentage of phosphoric acid, phosphorus, and ammonia. Iron, lime, calcium, potash, aluminium, and magnesium are also abundant in them.
- 2. Laterite Soil:** Only tropical regions with alternatingly wet and dry climates, such as Maharashtra in India, are home to the rock type known as laterite. Heavy rainfall, periods of wet and dry weather, and high temperatures all contribute to the formation of laterite soil.
- 3. Alluvial Soil:** Surface water deposits soils known as alluvial soils. They can be found in rivers, stream terraces, alluvial fans, floodplains, and deltas. The soil in this final category spreads out in the form of a triangle fan as a result of greater floods.
- 4. Red Soil:** Red soils range in quality from poor, thin, light-coloured uplands soils to fertile, deep-coloured lowlands and valley soils. They are frequently reddish to brownish in colour and arise from weathering of granites, gneisses, and crystalline rocks.
- 5. Marshy and Peaty Soil:** Peaty soil develops naturally as a result of the incomplete decomposition of animals, plants, and other creatures and organisms in wetlands under anaerobic and low temperature circumstances. Peaty soil developed in the area where there was a lot of rain and high humidity, which encourages plant growth. Due to the large number of dead organisms that have accumulated, peaty soil has substantial humus and organic content.

### 3. MAJOR CROPS & DISTRICTS:

Crops	Districts
Cotton	Jalgaon, Yavatmal, Aurangabad, Beed, Jalna, Amravati, Wardha, Dhule, Nanded, Parbhani, Buldhana, Nagpur, Akola, Chandrapur, Ahmednagar & Nandurbar
Tur	Yavatmal, Latur, Amravati, Buldhana, Nanded, Wardha, Beed, Osmanabad, Nagpur, Hingoli, Washim, Akola, Jalna, Parbhani, Aurangabad & Chandrapur.
Soybean	Latur, Buldhana, Nanded, Washim, Amravati, Yavatmal, Parbhani, Beed, Akola, Hingoli, Osmanabad, Nagpur, Jalna & Wardha
Groundnut	Kolhapur, Satara, Sangli, Nasik, Pune, Dhule, Beed, Ahmednagar & Aurangabad
Sorghum	Solapur, Ahmednagar, Sangli, Pune, Satara, Osmanabad, Nanded, Latur, Jalgaon
Rice	Gondia, Bhandara, Gadchiroli, Chandrapur, Raigad, Kolhapur, Nagpur, Nashik, Palghar
Gram	Latur, Osmanabad, Buldhana, Nanded, Ahmednagar, Yavatmal, Hingoli, Amravati, Akola, Jalgaon
Bajra	Ahmednagar, Nasik, Beed, Dhule, Satara, Aurangabad, Sangli, Solapur, Pune, Jalgaon
Sugarcane	Solapur, Kolhapur, Ahmednagar, Pune, Satara, Sangli, Osmanabad, Beed & Latur
Maize	Jalgaon, Nashik, Solapur, Aurangabad, Ahmednagar, Dhule, Sangli, Jalna, Buldhana, nandurbar, Pune, Satara
Moong	Ahmednagar, Hingoli, Nanded, Dhule, Jalgaon, Jalna, Akola, Parbhani, Beed, Amravati, Buldhana, Osmanabad
Seasame	Dhule, Jalgaon, Osmanabad, Nanded, Beed, yavatmal, latur, Buldhana, Akola, Gondia, Amravati, Pune
Black Gram	Nanded, Osmanabad, Beed, Solapur, Jalgaon, Akola, Ahmednagar, Hingoli, Buldhana, sangli, Dhule, jalna

### 4. MAJOR VARIETIES:

S. No.	Crops	Variety/ Hybrids
1.	Sorghum	Hybrids: CSH 35, SPH 1635, SPH 1641, Phule Revati, PDKV Kalyani, M 35-1, Phule Suchitra, Maldandi, CSV 15
2.	Bajra	Hybrids: Phule Adishakti Variety: Dhanshakti, AHB 1200, NSC navakar, Nandi-61
3.	Maize	Hybrids: Phule Rajshri, Uday, BIO- 9544
4.	Rice	Hybrids: Sahyadri-4, Sahyadri-5 Variety: RTN 6, RTN 7, Karjat 9, Karjat 8, DRR 46, CO 51, MTU 1010, MTU 7029, IR 64
5.	Wheat	PDKV Sardar, Phule Samadhan, Netravati, GW 496, LOK 1
6.	Red Gram	BDN 716, Vipula, ICPL 87, BSMR 736, Rajeshwari, BDN 711, PKV Tara, Bheema
7.	Moong	Unnati, Utkarsha, BM 2003-2, PKVM 8802, Sikha
8.	Black Gram	Vijay, TAU 1, AKU 10-1, BDU 1
9.	Finger Millet	VL 376
10.	Gram	Rajvijay 202, Digvijay, Vijay, , Phule Vikram, Jaki 9218
11.	Groundnut	Phule Morna, Phule Unnati, Phule varana, Phule Pratibha, TAG 24, SB XI, GJG 32
12.	Sesame	JLT 408, PKV NT 11, GJT 5
13.	Safflower	SSF 748, PBNS 86, ISF 764, PBNS 86, NARI 86, Annigiri 2020
14.	Soybean	Phule Sangam, Phule Kimaya, Phule Agrani, Phule Kalyani, MAUS 158, MAUS 162, PKV Gold, Suvarn Soya, PDKV Purva.
15.	Cotton	NHH 44, PKV HY 2, Suraj Bt., Rajat Bt., Zordar, Malini, Nava Mallika, Private hybrids
16.	Sugarcane	CO 86032, COM-265, COM 10001 (MS 10001), CO 94012, CO 92005, VSI 08005

**5. AREA , PRODUCTION & YIELD OF MAJOR CROPS IN MAHARASHTRA  
(AVERAGE 2017-18 TO 2021-22)**

*Area in thousand ha, Production in tonnes & Yield in kg/ha*

S. No	Crop	Area	Production	State Yield	All India Yield	% Yield Gap	Irrigation % (2019-20)
1.	Cotton	4402.91	7536.06*	291	431	-32.49	2.71
2.	Soybean	4155.59	5000.84	1203	1039	15.82	0.37
3.	Gram	2135.5	2193.63	1027	1145	-10.29	24.28
4.	Jowar	1976.21	1518.26	768	995	-22.79	9.54
5.	Rice	1536.25	3158.76	2056	2692	-23.62	26.10
6.	Tur	1261.32	1153.06	914	866	5.56	1.59
7.	Maize	1110.09	2776.4	2501	3149	-20.58	12.72
8.	Sugarcane	1058.34	92655.61	87548	81901	6.89	100.00
9.	Wheat	1034.76	1791.04	1731	3480	-50.26	73.89
10.	Bajra	684.92	557.7	814	1335	-39.01	5.04
11.	Moogbean	425.69	176.54	415	546	-24.04	-
12.	Urd	373.61	159.58	427	564	-24.27	-
13.	Groundnut	290.92	340.05	1169	1770	-33.96	20.80
14.	Ragi	83.68	96.75	1156	1587	-27.15	-
15.	Sesamum	30.74	6.16	200	465	-56.91	-
16.	Sunflower	30.38	12.69	418	888	-52.96	22.77
17.	Safflower	26.93	15.89	590	701	-15.83	22.8

Source: DES \* Production in bales

**6. AGRO CLIMATIC ZONES IN MAHARASHTRA:**

S.No.	Agro Climatic Zones
1.	South Konkan Coastal Zone
2.	North Konkan Coastal Zone
3.	Western Ghat Zone
4.	Sub Montane Zone /Transition Zone
5.	Western Maharashtra Plain Zone/Transition
6.	Western Maharashtra Scarcity Zone
7.	Central Maharashtra Plateau Zone
8.	Central Vidharbha Zone
9.	Eastern Vidharbha Zone

